



<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 1	<b>ATTORNEY DOCKET NO.</b>	<b>SERIAL NO.</b>
	8375-000017/CO	10/798,947
	<b>APPLICANT</b>	
	Naohiro Matsushita	
	<b>FILING DATE</b>	<b>GROUP</b>
March 11, 2004	<del>2681</del> 2618	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

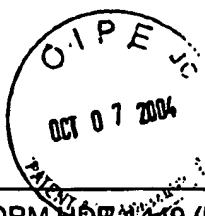
FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation * Yes No	
1.	LW	11-261478	9/24/1999	Japan	—		Abstract
2.	LW	2001-251270	9/14/2001	Japan	—		Abstract

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
—1.		Translation and communication from Japanese Patent Office re counterpart application.

\* One or more of the English translation documents submitted herewith may be Abstracts only or partial machine created translations from the Japanese Patent Office. As such, the submitter does not necessarily vouch for their accuracy. Additional information may be obtained from the Japanese Patent Office web site at [www.jpo.go.jp](http://www.jpo.go.jp).

<b>Examiner:</b> /Lewis West/	<b>Date Considered:</b> 09/01/2006
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation * Yes No	
1.	LW	2000-287798	10/17/2000	Japan	—	Abstract	
2.	LW	62-200924	9/4/1987	Japan	—	Abstract	
3.	LW	04-113727	4/15/1992	Japan	—	Abstract	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

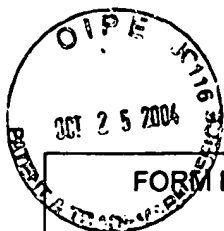
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—1.		Communication from Japanese Patent Office re: counterpart application (with English translation).

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## U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	LW	5,157,393	10/20/1992	Fox et al	—	
2.	LW	5,689,804	11/18/1997	Sugita et al	—	
3.	LW	2001/0006903	7/5/2001	Park	—	

## FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation * Yes No	
1.	LW	2 208 778	4/2/1985	United Kingdom	—	X	
2.	LW	0 630 070	5/27/1994	EPO	—	X	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	LW	Fujii, et al, Takeo; Indoor Multi Base Station System with Simultaneous Transmission using OFDM Adaptive Array Antenna; KEIO UNIVERSITY, vol. 2, 18 Sept. 2000; pages 1241-1245.
<del>2.</del>		Communication from European Patent Office re: counterpart application.

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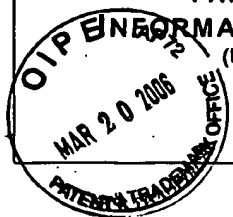
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## FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	LW	10-294683	11/4/1998	Japan	—		X
2.	LW	63-290416	11/28/1988	Japan	—		X
3.	LW	3-289838	12/19/1991	Japan	—		X
4.	LW	7-263937	10/13/1995	Japan	—		X
5.	LW	8-274702	10/18/1996	Japan	—		X

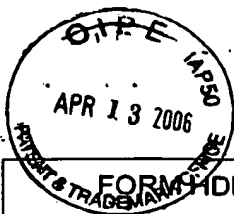
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
—1.		Communication from Japanese Patent Office re: related application (and translation).

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Date Considered: 09/01/2006

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## U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	LW	5,586,167	12/17/1996	Handforth	—	
2.	LW	4,866,732	9/12/1989	Carey et al	—	

## FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.							

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.		Communication from Korean Patent Office re: related application (and English translation).

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	APPLICANT	
	Matsushita, Naohiro	
	FILING DATE	GROUP
		2618

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	LW	10-70554 A	03/10/1998	JP	—	Abstract	
2.	LW	2001-28576 A	01/30/2001	JP	—	Abstract	
3.	LW	5-48502 A	02/26/1993	JP	—	Abstract	
4.	LW	6-188821 A	07/08/1994	JP	—	Abstract	
5.	LW	9-217463 A	08/19/1997	JP	—	Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	LW	International Search Report - PCT/JP03/07938; ISA/JPO; Mailed: 10/14/2003

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